

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L1    | 0    | 359/272.ccls. and @pd>="20081202"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:42 |
| L2    | 169  | 359/241,296,291,290.ccls. and @pd>="20081202"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:42 |
| L3    | 52   | 359/296.ccls. and @pd>="20081202"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:42 |
| L4    | 44   | 345/107.ccls. and @pd>="20081202"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:42 |
| L5    | 0    | 359/272.ccls. and @pd>="20081202"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L6    | 169  | 359/241,296,291,290.ccls. and @pd>="20081202"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L7    | 5    | 359/272.ccls. and @pd>="20080423"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L8    | 488  | 359/241,296,291,290.ccls. and @pd>="20080423"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L9    | 159  | 359/296.ccls. and @pd>="20080423"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L10   | 149  | 345/107.ccls. and @pd>="20080423"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L11   | 196  | 359/272.ccls.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L12   | 1    | ("6930816").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2009/03/25<br>21:43 |
| L13   | 9    | ("6195196"   "6642913").PN. OR ("6930816").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/25<br>21:43 |
| L14   | 374  | ((polymer-gel "polymer gel" polymer-gel (polymer near2 gel) fluoride-gel "fluoride gel") same (deform\$4 flex\$4 bend\$4)) and (color colour) | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L15   | 346  | L14 and (liquid fluid)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L16   | 0    | L11 and L15   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L17   | 4177 | 359/241,296,291,290.ccls.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L18   | 3    | L15 and L17   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |
| L19   | 30   | ("4093534"   "4126854"   "4657349"   "4786149"   "4919521"   "5007714").PN. OR ("5739946").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/25<br>21:43 |
| L20   | 30   | ("4093534"   "4126854"   "4657349"   "4786149"   "4919521"   "5007714").PN. OR ("5739946").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/25<br>21:43 |
| L21   | 5787 | ((polymer-gel "polymer gel" polymer-gel (polymer near2 gel) fluoride-gel "fluoride gel")) and display   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/03/25<br>21:43 |

|     |        |   |                                      |    |    |                     |
|-----|--------|---|--------------------------------------|----|----|---------------------|
| L22 | 5440   | L21 and (fluid liquid emulsion)   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L23 | 250557 | ((flex\$4 polymer deform\$4) near3 (gel sheet film)   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L24 | 5431   | L22 and L23   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L25 | 5424   | ((flex\$4 polymer deform\$4) near3 gel) and L22   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L26 | 4059   | L25 and (electric voltage current)  | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L27 | 621    | ((pair second) near3 substrate) and L26   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L28 | 121597 | (flex\$4 deform\$4) near3 (gel sheet film)  | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L29 | 599    | L28 and L22   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L30 | 599    | L29 and display\$3  | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L31 | 6873   | ((polymer-gel "polymer gel" polymer-gel (polymer near2 gel) fluoride-gel "fluoride gel")) and display\$3                                      | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L32 | 5787   | L21 and L31   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L33 | 632    | L32 and L28   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L34 | 155    | ((pair second) near3 substrate) and L33   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L35 | 632    | L32 and L28   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L36 | 1188   | 359/296.ccls.   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L37 | 990    | 345/107.ccls.   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L38 | 65254  | 359/290,291,301,273,265;345/105,106;204/450;428/1.1;435/7.1,6,287.2;506/9,12;252/299.01.ccls.   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L39 | 797    | L28 and L31   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L40 | 28     | L36 and L39   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L41 | 14     | L37 and L39   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L42 | 100    | L38 and L39   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L43 | 95     | L42 and (fluid liquid emulsion)   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L44 | 59     | L43 not L34   | US-PGPUB;<br>USPAT                   | OR | ON | 2009/03/25<br>21:43 |
| L45 | 56     | ((polymer-gel "polymer gel" polymer-gel (polymer near2 gel) fluoride-gel "fluoride gel") same (deform\$4 flex\$4 bend\$4)) and (color colour) | USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/25<br>21:43 |

|     |         |   |                                |    |     |                  |
|-----|---------|---|--------------------------------|----|-----|------------------|
| L46 | 296     | ((polymer-gel "polymer gel" polymer-gel (polymer near2 gel) fluoride-gel "fluoride gel")) and display | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L47 | 3331687 | (fluid liquid emulsion)   | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L48 | 170999  | (flex\$4 polymer deform\$4) near3 (gel sheet film)  | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L49 | 11328   | ((flex\$4 polymer deform\$4) near3 gel)   | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L50 | 5526542 | (electric voltage current)  | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L51 | 79510   | ((pair second) near3 substrate)   | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L52 | 1       | ("5739946").PN.   | US-PGPUB; USPAT                | OR | OFF | 2009/03/25 21:43 |
| L53 | 44507   | L48 and L47   | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L54 | 7749    | L53 and L50   | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2009/03/25 21:43 |
| L55 | 1       | ("5739946").PN.   | US-PGPUB; USPAT                | OR | OFF | 2009/03/25 21:43 |
| L56 | 9       | ("6195196"   "6642913").PN. OR ("6930816").URPN.  | US-PGPUB; USPAT; USOCR         | OR | ON  | 2009/03/25 21:43 |
| L57 | 860086  | (electrode (conducting near2 layer))  | US-PGPUB; USPAT; USOCR         | OR | ON  | 2009/03/25 21:43 |
| L58 | 25547   | ((flexible flexible elastic) near2 (member layer)) and L57  | US-PGPUB; USPAT                | OR | ON  | 2009/03/25 21:43 |
| L59 | 8423    | (electrode (conducting near2 layer)) same ((flexible flexible elastic) near2 (member layer))          | US-PGPUB; USPAT; USOCR         | OR | ON  | 2009/03/25 21:43 |
| L60 | 12      | L14 and L59   | US-PGPUB; USPAT; USOCR         | OR | ON  | 2009/03/25 21:43 |
| L61 | 823     | 345/84.ccls.  | US-PGPUB; USPAT                | OR | ON  | 2009/03/25 21:43 |
| L62 | 165     | L61 and (spatial near3 modulator)   | US-PGPUB; USPAT                | OR | ON  | 2009/03/25 21:43 |
| L63 | 1       | ("7372613").PN.   | US-PGPUB; USPAT                | OR | OFF | 2009/03/25 21:43 |

|     |     |  |                              |    |     |                     |
|-----|-----|--|------------------------------|----|-----|---------------------|
| L68 | 433 | "20010003487" "20010028503" "20020014579" "20020015215" "20020021485" "20020024711" "20020027636"   "20020054424" "20020075555" "20020114558" "20020126364" "20020139981" "20020146200" "20020149828"   "20020149850" "20020167072" "20020167730" "20020186483" "20030015936" "20030016428" "20030029705"   "20030043157" "20030053078" "20030072070" "20030156315" "20030202264" "20030202265" "20030202266"   "20030210851" "20040008396" "20040008438" "20040027671" "20040027701" "20040051929" "20040056742"   "20040058532" "20040075967" "20040080035" "20040080807" "20040100594" "20040100680" "20040124483"   "20040125281" "20040125347" "20040136045" "20040140557" "20040145049" "20040145811" "20040147056"   "20040147198" "20040148009" "20040150939" "20040160143" "20040174583" "20040175577" "20040179281"   "20040179445" "20040184766" "20040201908" "20040207897" "20040209192" "20040209195" "20040212026"   "20040217378" "20040217919" "20040218251" "20040218334" "20040218341" "20040227493" "20040233503"   "20040240032" "20040240138" "20040245588" "20040263944" "20050001828" "20050002082" "20050003667"   "20050014374" "20050024557" "20050035699" "20050036095" "20050036192" "20050038950" "20050042117"   "20050046922" "20050046948" "20050057442" "20050068583" "20050068605" "20050068606" "20050069209"   "20050078348" "20050157364".PN. OR ("20050168849" "20050195462" "20050195467" "20050202649" "20050249966"   "20060007517" "20060024880" "20060044654" "20060066599" "20060066640" "20060066935" "20060067633"   "20060067643" "20060077155" "20060077507" "20060077515" "20060077533" "20060139723" "20060220160"   "20060262126" "20060262380" "20060268388" "20060274074" "20070040777" "20070139758" "20070177247"   "2534846" "3439973" "3443854" "3653741" "3656836" "3725868" "3813265" "3955880" "4099854" "4196396"   "4228437" "4377324" "4389096" "4392711" "4403248" "4441791" "4445050" "4459182" "4482213" "4500171"   "4519676" "4531126" "4566935" "4571603" "4596992" "4615595" "4662746" "4663083" "4666254" "4681403"   "4710732" "4748366" "4786128" "4790635" "4856863" "4857978" "4859060" "4900136" "4900395" "4937496"   "4954789" "4956619" "4965562" "4982184" "5018256" "5022745" "5028939" "5037173" "5044736" "5061049"   "5075796" "5078479" "5079544" "5083857" "5096279" "5099353" "5124834" "5136669" "5142405" "5142414"   "5153771" "5162787" "5168406" "5170156" "5172262" "5179274" "5192395" "5192946" "5206629" "5212582"   "5214419" "5214420" "5216537" "5226099" "5228013" "5231532" "5233385" "5233456" "5233459" "5254980"   "5272473" "5278652" "5280277" "5287096" "5293272" "5296950" "5305640" "5311360" "5312513" "5323002".PN. OR ("5324683" "5325116" "5326430" "5327286" "5331454" "5339116" "5345328" "5355357" "5358601" "5365283"   "5381232" "5381253" "5401983" "5411769" "5444566" "5446479" "5448314" "5452024" "5454906" "5457493"   "5457566" "5459602" "5459610" "5461411" "5474865" "5489952" "5497172" "5497197" "5499037" "5499062"   "5500635" "5500761" "5506597" "5515076" "5517347" "5523803" "5526051" "5526172" "5526327" "5526688"   "5535047" "5548301" "5551293" "5552924" "5552925" "5559358" "5563398" "5567334" "5570135" "5579149"   "5581272" "5583688" "5589852" "5597736" "5600383" "5602671" "5606441" "5608468" "5610438" "5610624"   "5610625" "5614937" "5619059" "5619365" "5619366" "5629790" "5633652" "5636052" "5636185" "5638084"   "5638946" "5641391" "5646768" "5650881" "5654741" "5657099" "5659374" "5661591" "5665997" "5673139"   "5683591" "5703710" "5710656" "5726480" "5739945" "5740150" "5745193" "5745281" "5751469" "5771116"   "5784190" "5784212" "5786927" "5793504" "5808780" "5808781" "5818095" "5825528" "5835255" "5838484"   "5842088" "5867302" "5905482" "5912758" "5943158" "5959763" "5986796" "5994174" "6028690" "6038056"   "6040937" "6046840" "6049317" "6055090" "6056406" "6061075" "6097145" "6099132" "6100872" "6113239"   "6147790" "6158156" "6160833" "6171945" "6172797".PN. OR ("6180428" "6195196" "6201633" "6215221"   "6232936" "6239777" "6243149" "6282010" "6288472" "6288824" "6295154" "6323982" "6327071" "6331909"   "6335831" "6356254" "6358021" "6376787" "6407851" "6417868" "6433917" "6438282" "6447126" "6449084"   "6456420" "6465355" "6466190" "6466354" "6466358" "6473072" "6473274" "6480177" "6496122" "6545335"   "6548908" "6549338" "6552840" "6574033" "6589625" "6600201" "6606175" "6608268" "6624944" "6625047"   "6630786" "6632698" "6635919" "6643069" "6650455" "6657832" "6660656" "6666561" "6674033" "6674090"   "6674562" "6680792" "6710908" "6741377" "6741383" "6741384" "6741503" "6747785" "6747800" "6775174"   "6778155" "6794119" "6809788" "6811267" "6819469" "6822628" "6829132" "6853129" "6855610" "6859218"   "6861277" "6862022" "6862029" "6867896" "6870581" "6870654" "6882458" "6882461" "6891658" "6912022"   "6947200" "6952303" "6958847" "6959990" "6980350" "7008812" "7053737" "7075700" "7123216" "7130104"   "7236284").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/03/25<br>21:43 |
| L69 | 1   | ("20020080465").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>21:43 |
| L70 | 1   | ("20040012836").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>21:43 |
| L71 | 1   | ("20030053227").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>21:43 |
| L72 | 1   | ("5739946").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>21:52 |

|     |      |   |                              |    |     |                     |
|-----|------|---|------------------------------|----|-----|---------------------|
| L73 | 1    | ("20030053227").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>21:57 |
| L74 | 1    | ("20050064116").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>21:59 |
| L75 | 0    | ("(conductingnear2spacers)and74").PN.                       | US-PGPUB;<br>USPAT           | OR | OFF | 2009/03/25<br>22:00 |
| L76 | 1    | (conducting near2 spacers) and 74                           | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:00 |
| L77 | 1243 | (conducting near2 spacers)                                  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:03 |
| L78 | 1    | (conducting near2 spacers) with polymer-gel                 | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:03 |
| L79 | 1    | (conducting near2 spacers) same polymer-gel                 | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:03 |
| L80 | 1    | (conducting near2 spacers) and polymer-gel                  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:03 |
| L81 | 1    | 14 and 77   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:04 |
| L82 | 6    | 77 and 17   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:14 |
| L83 | 54   | (conducting near2 spacers) with (fluid liquid)              | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:20 |
| L84 | 1183 | 77 not (83 or 82)   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:24 |
| L85 | 22   | (conducting near2 spacers) with display                     | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:24 |
| L86 | 9    | 85 not (83 or 82)   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:24 |
| L87 | 19   | (conducting near2 spacers) with (flex\$5 bend\$5 deform\$3) | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:39 |
| L88 | 16   | 87 not (83 or 82 86)  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/03/25<br>22:42 |
| L89 | 9    | ("6195196"   "6642913").PN. OR ("6930816").URPN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/03/25<br>22:52 |

3/ 26/ 2009 12:57:12 AM

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